

NATIONAL PARK SERVICE
Chickasaw National Recreation Area – Water Year 2003
343017096561501 East Observation Well, OK

LOCATION – Lat 34° 30' 18.36", Long 96° 56' 15.36", 01S-03E-01 ABA 1, Murray County, OK, Hydrologic Unit 1113030.

AQUIFER – Arbuckle-Simpson Aquifer of the Arbuckle Group.

WELL CHARACTERISTICS – Observation well, depth 238 feet, cased 25 feet, outer casing diameter 6 inches.

PERIOD OF RECORD – June 17, 2003 to current year.

INSTRUMENTATION — Water level recorder (pressure sensor).

DATUM – Elevation of Measuring Point datum is 1153 feet above National Geodetic Vertical Datum 1988. Measuring point: Top of recorder shelf, 2.59 feet above land-surface.

REMARKS – Records good.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56.92 | 60.34 | 61.35 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.00 | 60.39 | 61.41 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.08 | 60.43 | 61.47 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.17 | 60.47 | 61.54 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.26 | 60.50 | 61.62 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.35 | 60.53 | 61.70 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.45 | 60.56 | 61.78 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.55 | 60.60 | 61.86 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.64 | 60.62 | 61.95 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.74 | 60.65 | 62.04 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.83 | 60.67 | 62.13 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57.93 | 60.69 | 62.20 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 58.02 | 60.72 | 62.28 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 58.12 | 60.74 | 62.37 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 58.23 | 60.76 | 62.44 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 58.35 | 60.78 | 62.51 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 58.47 | 60.80 | 62.58 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | 55.74 | 58.59 | 60.83 | 62.66 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | 55.82 | 58.72 | 60.85 | 62.73 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | 55.92 | 58.84 | 60.87 | 62.80 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | 56.01 | 58.96 | 60.90 | 62.87 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | 56.10 | 59.08 | 60.92 | 62.92 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | 56.19 | 59.22 | 60.95 | 62.97 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | 56.29 | 59.36 | 60.99 | 63.00 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | 56.39 | 59.48 | 61.02 | 63.03 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | 56.49 | 59.61 | 61.06 | 63.06 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | 56.58 | 59.74 | 61.10 | 63.09 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | 56.66 | 59.88 | 61.15 | 63.12 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | 56.75 | 60.01 | 61.19 | 63.16 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | 56.84 | 60.13 | 61.24 | 63.21 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 60.24 | 61.30 | --- |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | 58.45 | 60.79 | 62.40 |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | 60.24 | 61.30 | 63.21 |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56.92 | 60.34 | 61.35 |